

Photo: Altamont Landfill and Resource Recovery Facility, Alameda County

Overview

The Land Disposal Program (LDP) regulates the land discharge of solid and liquid wastes to prevent water quality impacts. These wastes include municipal solid waste (MSW), hazardous wastes, designated wastes (such as petroleum impacted soils and auto shredder waste), and nonhazardous and inert solid wastes. In general, these wastes cannot be discharged directly to the ground surface without impacting groundwater or surface water and, therefore, must be contained to isolate them from the environment. The regulations applicable to these discharges are found in Title 27, for nonhazardous wastes, or Chapter 15 of Title 23, for hazardous wastes, of the California Code of Regulations. These regulations have both prescriptive and performance standards for waste containment, monitoring, and site closure. The requirements are implemented through the adoption of Waste Discharge Requirements (WDRs) for the disposal facilities.

Throughout the Region, the LDP has approximately 175 facilities that discharge waste to land, including landfills (i.e., active/receiving waste, closed, or unregulated); industrial surface impoundments; and waste piles. These sites are regulated under waste discharge requirements implementing Title 27. The LDP also regulates certain food processing facilities and composting operations which generate liquid wastes such as olive brining and composting green waste. Composting sites are regulated under the LDP, but do not have the same prescriptive standards as Title 27 landfills and surface impoundments. Waste management units used to contain the various liquid and solid wastes include landfills, waste piles, surface impoundments, and land treatment units.

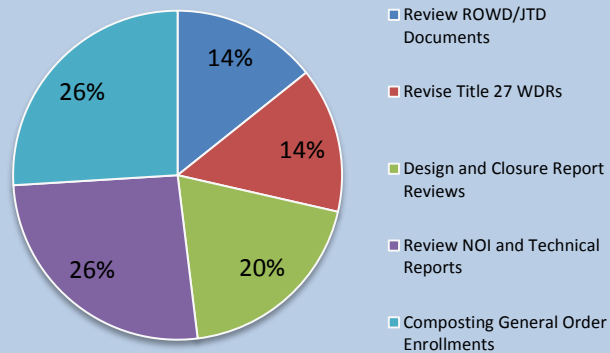
Of the 175 facilities, 39 landfill facilities across the Central Valley Region are actively receiving waste. These 39 active landfills pay tipping fees to CalRecycle and the Water Board system receives a portion of those fees for regulating water quality.

The nine permitting staff review existing LDP WDRs on a 5-year, 10-year, or 15-year review schedule depending on the threat and complexity assigned to the site, and updates the WDRs as necessary to address landfill expansion, adding waste management units, or closure. The five compliance and enforcement staff monitor compliance with the WDRs, conducts regular inspections, and issues enforcement orders when violations occur.

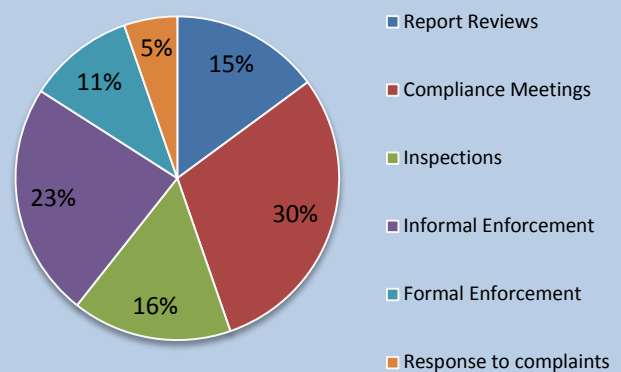
Goals

The primary goal of the program is to protect groundwater and surface water quality from contaminants associated with landfills, liquid waste surface impoundments and other waste containment units. The program achieves this goal by ensuring permits are kept up to date with Title 27 regulations and implementing timely enforcement where necessary.

Permitting Staff Activities



Compliance-Enforcement Staff Activities



Priority Projects for Fiscal Year 2016-2017

- **Waste Discharge Requirements:** Revise WDRs for the existing higher threat waste containment facilities. One major focus is ensuring that financial mechanisms which ensure funding for closure activities and post closure maintenance of landfills are robust and up to date.
- **Composting Facilities:** Enrolling existing and new composting facilities into the Composting General Order. Approximately 20 composting facilities are scheduled to be enrolled in the Composting General Order in FY 2016-2017.
- **Complete compliance and construction inspections** at Land Disposal and composting sites
- **Climate Change:** Identify expected impacts in the region to the Land Disposal Program and develop plans to address the impacts.

Performance targets for Fiscal Year 2016-2017

	Fresno	Redding	Sacramento	Totals
WDRs	3	2	6	11
Construction Inspections	5	3	8	16
Compliance Inspections	42	21	26	89

Compliance and Enforcement staff are also focusing on ensuring compliance with recently adopted enforcement actions and permits for all three offices in the Central Valley Region. Compliance and Enforcement staff will ensure compliance with recently adopted enforcement actions and permits for all three offices in the Central Valley Region.